

10th June, 1960COCOM Document No. 3710.88/7COORDINATING COMMITTEERECORD OF DISCUSSIONONINTERPRETATION OF ITEM 1088(b): GEAR MAKING MACHINERY9th June, 1960

Present: Belgium (Luxembourg), Denmark, France, Germany, Italy, Japan, Netherlands, United Kingdom, United States.

References: COCOM Documents 3710.88/4, 5 and 6.

1. The ITALIAN Delegate referred to paragraph 6 of COCOM Document 3710.88/6, and stated his authorities' views as follows. During the discussions on the definition of Item 1088(b) it had become clear that the general intention was to retain under embargo only those machines which were capable of producing, in a manner both technically perfect and economically advantageous, high precision gears having a module finer than 0.5 mm. It had also been clear that the Committee had no intention of including in the agreed definition machines which - although designed for the production of gears of a higher module - could if necessary, by means of special technical alterations and in a generally uneconomic manner, be adapted for the production of gears of a module finer than 0.5 mm. It was the Italian experts' view that the present definition might be maintained, bearing in mind the criterion intended to retain under control only machines capable of producing gears of a module finer than 0.5 mm. normally and in a technically and economically advantageous manner. This criterion might - if the Committee considered this to be necessary - be set out in an Interpretative Note to be added to Item 1088.

2. The UNITED STATES Delegate confirmed the position of his authorities as set out in COCOM Documents 3710.88/5 and 6. When this matter was last discussed in the Committee, doubt had been expressed as to the existence of machines having a maximum work-piece capacity of over 4 inches and yet able to produce gears having a module finer than 0.5 mm.

3. After further expert survey, the United States Delegation had received details as to three machines in use in the United States and likely to interest the Committee. He quoted this information as follows:

- "(1) The Barber Colman Co. manufacture a machine known as Model No. 6 - 10, which will take gear blanks up to 6 inches in diameter and which cuts gears having a diametral pitch both finer and coarser than 48. This machine is recommended for all gears in the machine's range, although it is designed for fine pitch.
- "(2) The Illinois Tool Works manufacture a Model No. 4610, which takes gear blanks up to 6 inches in diameter and which cuts 30 - 200 pitch on a production basis over the full range. This machine cuts with a new type of cutting which makes it an extremely valuable production machine, but it does not cut with either a hobber or a shaper.
- "(3) The Hamilton Tool Co. manufacture a precision gear hobber, known as Machine No. 1, which takes gear blanks up to 6 inches in diameter and which, for both coarse and fine pitches, cuts a pitch of 12 - 260 on a production line basis."

4. The COMMITTEE agreed to resume discussion on Item 1088(b) on the 23rd June.